

State of Good Repair (SGR) - Bridge Ranking and Project Selection

Fredericksburg

Date Generated:August 25, 2016

Purpose:Public Access to Initial Ranking of SGR-Eligible Locally-Owned Structures

Status:Initial Ranking

* Initial value from VDOT's Bridge Management System (high-level) recommendations.
Final value from scoping level estimate (or better) from locality.
If value exceeds that of VDOT BMS the scope and estimate must be reviewed by the District Bridge Engineer

** Based on Statewide averages for total project cost for structure replacement. This number is not subject to change.

										General Condition Rating (GCR)				30%	25%	15%	10%	20%		Local Input Required			
UPC	Bridge Federal ID	District Name	System	City or County Name	Route No.	Facility	Featured Intersection	Open Posted Closed	Length	Deck	Super Structure	Sub Structure	Culvert	Importance Factor (Percentile Rank)	Condition Factor (Percentile Rank)	Design Redundancy Factor (Formula Score)	Structure Capacity Factor (Percentile Rank)	Cost Effectiveness Factor (Formula Score)	Current SGR Score	Recommended Action Cost *	Recommended Action Description	Structure Replacement Cost**	
100444	20252	Fredericksburg	P	Fredericksburg	1	JEFF DAVIS BYPASS	HAZEL RUN	A	112.9	5	4	4	N	0.97	0.75	0.00	0.06	1.00	0.685	\$ 1,000,000	Bridge Rehabilitation	\$ 8,935,751	
90077	20249	Fredericksburg	P	Fredericksburg	1	JEFF. DAVIS BYPASS	OLD RAPPAHANNOCK CANAL	A	128.0	5	4	4	N	0.90	0.75	0.00	0.19	0.00	0.477	\$ 7,830,000	Replace Bridge	\$ 10,292,601	